

CLAIMS

We claim:

- 1 1. A multifunction stroller, comprising:
 - 2 a base platform having a top surface, a front end and a
 - 3 rear end;
 - 4 at least one front wheel attached to said platform;
 - 5 a rear wheel assembly removably attached to said platform;
 - 6 a seat attached to the top surface of said platform, the
 - 7 seat being adapted for accommodating a child;
 - 8 a spoiler extending from the rear end of said platform, the
 - 9 spoiler being a thin, wide, arcuate plate having a first end
 - 10 attached to said platform and an inverted U-shaped channel
 - 11 defining an opposite second end, the second end being arched
 - 12 above and rearward of said platform; and
 - 13 a clamp plate removably attached across said U-shaped
 - 14 channel;
- 15 whereby the spoiler is alternately adapted for attaching
- 16 the multifunction stroller to a front end of a second stroller
- 17 for operation in tandem, and for attachment of a handlebar
- 18 assembly for operation as a stand alone stroller.

1 2. The multifunction stroller according to claim 1,
2 further comprising a leg shroud attached to the top surface of
3 said platform at the front end, the leg shroud having a front
4 wall, a top wall and two opposing sidewalls joined to the front
5 wall and the top wall, the shroud defining a well adapted for
6 protecting the child's legs.

1 3. The multifunction stroller according to claim 2,
2 further comprising a simulated steering wheel attached to the
3 top wall of said shroud for amusing the child.

1 4. The multifunction stroller according to claim 1,
2 wherein said at least one front wheel comprises a swiveling
3 caster wheel.

1 5. The multifunction stroller according to claim 1,
2 wherein said at least one front wheel consists of a single
3 swiveling caster wheel.

1 6. The multifunction stroller according to claim 1,
2 wherein said rear wheel assembly comprises:

3 an inverted U-shaped frame having a cross member and
4 opposing struts depending from the cross member;

5 a common axle having opposing ends mounted in the opposing
6 struts; and

7 a rear wheel mounted on each of the opposing ends of the
8 axle.

1 7. The multifunction stroller according to claim 6,
2 further comprising a pair of twist knobs, each twist knob having
3 a hollow, internally threaded shaft, the twist knobs being
4 removably attached to said platform in order to removably secure
5 said rear wheel assembly to said platform.

1 8. The multifunction stroller according to claim 7,
2 further comprising:

3 an auxiliary, planar extension plate having a first end
4 removably attached to said base platform, the auxiliary
5 extension plate extending from the rear end of said platform
6 below said spoiler and having an inverted, U-shaped channel
7 defining an opposing second end; and

8 an auxiliary clamp plate removably attached to the
9 extension plate and extending across the channel at the second
10 end of the extension plate;

11 wherein the extension plate is attachable to said platform
12 by removing said rear wheel assembly from said platform and
13 securing the extension plate to said platform with said twist
14 knobs;

15 whereby the extension plate is adapted for attaching the
16 multifunction stroller to a horizontal rail at a front end of a
17 grocery cart for tandem operation therewith.

1 9. The multifunction stroller according to claim 1,
2 wherein said seat comprises a horizontal member and a backrest
3 pivotally attached to the horizontal member, whereby the
4 backrest is foldable against the horizontal member for compact
5 storage and transport.

1 10. The multifunction stroller according to claim 1,
2 further comprising a pair of opposing, parallel, elongated side
3 rails mounted to the top surface of said platform, the side
4 rails having a plurality of spaced apart apertures defined
5 therein, said seat being mounted to said side rail, said seat
6 being mounted toward the front end and the rear end by aligning
7 the seat with the apertures in the side rails in order to
8 accommodate the child's leg length.

1 11. The multifunction stroller according to claim 1,
2 further comprising means for restraining the child in said seat.

1 12. The multifunction stroller according to claim 1,
2 further comprising a seat belt attached to said seat.

1 13. The multifunction stroller according to claim 1,
2 further comprising a safety harness attached to said seat.

1 14. The multifunction stroller according to claim 1,
2 wherein said stroller has a curvature of about 90°.

1 15. The multifunction stroller according to claim 1,
2 further comprising a handlebar, the handlebar being a
3 substantially rectangular loop made of tubular material, the
4 loop having one side disposed in the channel at the second end
5 of said spoiler and removably secured therein by said clamp
6 plate, whereby the multifunction stroller is configured as a
7 stand alone stroller.

1 16. A multifunction stroller, comprising:
2 a base platform having a top surface, a front end and a
3 rear end;
4 at least one front wheel attached to said platform;
5 a rear wheel assembly removably attached to said platform;
6 a seat attached to the top surface of said platform, the
7 seat being adapted for accommodating a child;
8 means extending from the rear end of the platform for
9 alternatively attaching the platform to another push vehicle or
10 to a handlebar assembly;
11 whereby the spoiler is alternately adapted for attaching
12 the multifunction stroller to a front end of a push vehicle for
13 operation in tandem, and for attachment of a handlebar assembly
14 for operation as a stand alone stroller.

1 17. A multifunction stroller, comprising:

2 a base platform having a top surface, a front end and a

3 rear end;

4 at least one front caster wheel attached to said platform;

5 a rear wheel assembly removably attached to said platform;

6 a seat attached to the top surface of said platform, the

7 seat being adapted for accommodating a child;

8 a spoiler extending from the rear end of said platform, the

9 spoiler being a thin, wide, arcuate plate having a first end

10 attached to said platform and an inverted U-shaped channel

11 defining an opposite second end, the second end being arched

12 above and rearward of said platform;

13 a handlebar, the handlebar being a rectangular loop made

14 from tubular material having a side disposable within the

15 channel defined in the second end of the spoiler;

16 means for clamping the handlebar or adapted for clamping a

17 horizontal rail at a front end of a second stroller within the

18 channel defined in the second end of the spoiler;

19 an auxiliary extension plate removably attached to said

20 platform, the extension plate being planar and extending

21 rearward from said platform below said spoiler, the extension

22 plate having an inverted U-shaped channel attached thereto

23 adapted for receiving a horizontal rail at a front end of a
24 grocery cart;

25 whereby the multifunction stroller is convertible between
26 attachment to the second stroller or grocery cart for operation
27 in tandem, and use as a stand alone stroller..

LITMAN LAW
OFFICES, LTD.
P.O. BOX 15035
ARLINGTON, VA 22215
(703) 486-1000